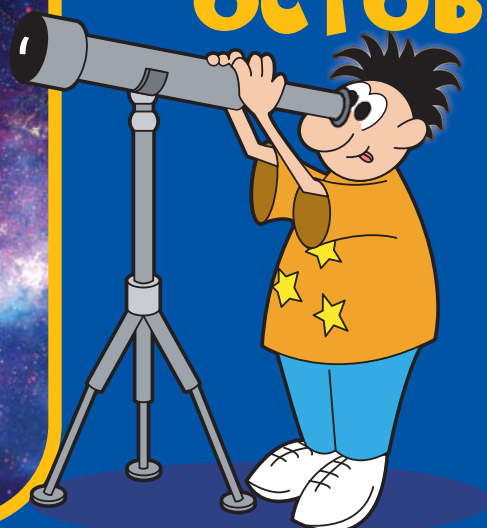


# OCTOBER 2011



This image of the busy and crowded center of our Milky Way Galaxy combines light from three space telescopes: infrared light from the Spitzer Space Telescope, near-infrared light from the Hubble Space Telescope, and X-rays from the Chandra X-ray Observatory.

**SPACEPLACE.NASA.GOV**

**SUNDAY**

**MONDAY**

**TUESDAY**

**WEDNESDAY**

**THURSDAY**

**FRIDAY**

**SATURDAY**

**Energy Awareness Month.** Energy takes many forms. When humans use any of them, side effects happen, not all good.

2

3

**World Habitat Day.** What is the recipe for a harmonious planet?

9

10

**Columbus Day**

16

**Launch in 1975 of GOES-1,** the first weather satellite to take pictures of Earth at night. Newer GOES also keep an eye on space weather!

23

24

30

31

**Halloween**

4

FIRST QUARTER

**World Space Week (4-10).** Spend the week exploring The Space Place.

11

**Dessert Day.** Could you find dessert inside a comet? Ice cream maybe? Marshmallows? Chewy nougat? Find out.

18

**Sweetest Day.** A day to give sweets to those in need and those you love. Make your sweets star shaped.

25

5

12

FULL MOON

19

**Evaluate Your Life Day.** Are you headed where you want to go? Get ideas about careers in space exploration.

26

In 1959, Earthlings saw their **first photo of the far side of the Moon**, taken by Lunik 3. What have we learned about the Moon since then?

6

13

**Train Your Brain Day.** A good way is to brush up on spelling and typing those important space words.

20

LAST QUARTER

27

7

14

21

**Orionids meteor shower** at maximum. Look for shooting stars in constellation Orion using the Starfinder.

28

8

15

22

29

**Internet Day.** Have fun and learn lots on the Internet by visiting The Space Place.

Month of October: [spaceplace.nasa.gov/greenhouse](http://spaceplace.nasa.gov/greenhouse)

Oct. 3: [spaceplace.nasa.gov/ecosphere](http://spaceplace.nasa.gov/ecosphere)

Oct. 4: [spaceplace.nasa.gov](http://spaceplace.nasa.gov)

Oct. 11: [spaceplace.nasa.gov/comet-nucleus](http://spaceplace.nasa.gov/comet-nucleus)

Oct. 13: [spaceplace.nasa.gov/sign-here](http://spaceplace.nasa.gov/sign-here)

Oct. 16: [spaceplace.nasa.gov/spaceweather](http://spaceplace.nasa.gov/spaceweather)

[www.nasa.gov](http://www.nasa.gov)

Oct. 18: [spaceplace.nasa.gov/star-cookies](http://spaceplace.nasa.gov/star-cookies)

Oct. 19: [spaceplace.nasa.gov/space-place-live](http://spaceplace.nasa.gov/space-place-live)

Oct. 21: [spaceplace.nasa.gov/starfinder](http://spaceplace.nasa.gov/starfinder)

Oct. 26: [spaceplace.nasa.gov/dr-marc-earth](http://spaceplace.nasa.gov/dr-marc-earth)

Oct. 29: [spaceplace.nasa.gov](http://spaceplace.nasa.gov)

THE SPACE PLACE CALENDAR IS FOR EDUCATIONAL PURPOSES ONLY AND IS NOT TO BE SOLD